

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of claims:

1-13. (Cancelled)

14. (Currently amended) A method for producing a fermentation product from starch-containing produce, the method comprising:

treating a starch-containing produce slurry with a first starch hydrolyzing enzyme that hydrolyzes starch to oligosaccharide at a temperature under which protein coagulates,

removing insoluble materials from the slurry to obtain a starch hydrolysate-containing solution,

treating the starch hydrolysate-containing solution with a second starch hydrolyzing enzyme that hydrolyzes starch or oligosaccharide to glucose to obtain a glucose-rich syrup, and

~~treating the glucose-rich syrup for five days with *Aspergillus oryzae* to produce a fermentation product containing 13.5% ethanol~~

growing a microorganism in the glucose-rich syrup to produce a fermentation product.

15. (Original) The method of claim 14, wherein the first starch hydrolyzing enzyme is α -amylase and the second starch hydrolyzing enzyme is glucoamylase.

16. (Currently amended) The method of claim 15, wherein the fermentation product is wine, vinegar, lactic acid, citric acid, or amino acids.

17. (Cancelled)

18. (Previously Presented) The method of claim 16, wherein the produce is rice, tapioca, grain sorghum, potato, sweet potato, wheat, barley, corn, or legumes.

19. (Currently amended) The method of claim 14, wherein the fermentation product is wine, vinegar, lactic acid, citric acid, or amino acids.

20. (Original) The method of claim 14, wherein the produce is rice, tapioca, grain sorghum, potato, sweet potato, wheat, barley, corn, or legumes.

21-30. (Cancelled)

31. (Previously presented) The method of claim 14, wherein the temperature is 90 °C.

32. (Previously presented) The method of claim 15, wherein the temperature is 90 °C.

33. (Previously presented) The method of claim 16, wherein the temperature is 90 °C.

34. (Previously presented) The method of claim 18, wherein the temperature is 90 °C.

35. (Previously presented) The method of claim 19, wherein the temperature is 90 °C.

36. (Previously presented) The method of claim 20, wherein the temperature is 90 °C.

37-44. (Cancelled)

45. (Currently amended) ~~A method for producing a fermentation product from starch-containing produce, the method comprising~~ The method of claim 14, [[:]]

~~treating a starch-containing produce slurry with a first starch hydrolyzing enzyme that hydrolyzes starch to oligosaccharide at a temperature under which protein coagulates;~~

~~removing insoluble materials from the slurry to obtain a starch hydrolysate-containing solution;~~

~~treating the starch hydrolysate-containing solution with a second starch hydrolyzing enzyme that hydrolyzes starch or oligosaccharide to glucose to obtain a glucose-rich syrup, and~~

~~treating the glucose-rich syrup for three days with *Aspergillus oryzae* to produce a fermentation product containing 10.5 % ethanol wherein the glucose-rich syrup contains 105-114 mg/ml glucose and the growing step is carried out by growing *Aspergillus oryzae* for three days to produce the fermentation product containing 10.5% ethanol or for five days to produce the fermentation product containing 13.5% ethanol.~~

46. (Previously presented) The method of claim 45, wherein the first starch hydrolyzing enzyme is α -amylase and the second starch hydrolyzing enzyme is glucoamylase.

47. (Previously presented) The method of claim 45, wherein the fermentation product is wine.

48. (Previously presented) The method of claim 45, wherein the produce is rice, tapioca, grain sorghum, potato, sweet potato, wheat, barley, corn, or legumes.

49. (Previously presented) The method of claim 46, wherein the fermentation product is wine.

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Page : 5 of 9

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50. (Previously presented) The method of claim 46, wherein the produce is rice, tapioca, grain sorghum, potato, sweet potato, wheat, barley, corn, or legumes.

51-52. (Cancelled)